

# Lock-in functional near-infrared spectroscopy for measurement of the haemodynamic brain response: supplement

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## **Lock-in functional near-infrared spectroscopy for measurement of the haemodynamic brain response: supplemental document**

The supplemental document shows the in-vivo results in high-resolution. Fig. 8-9 of the primary manuscript.

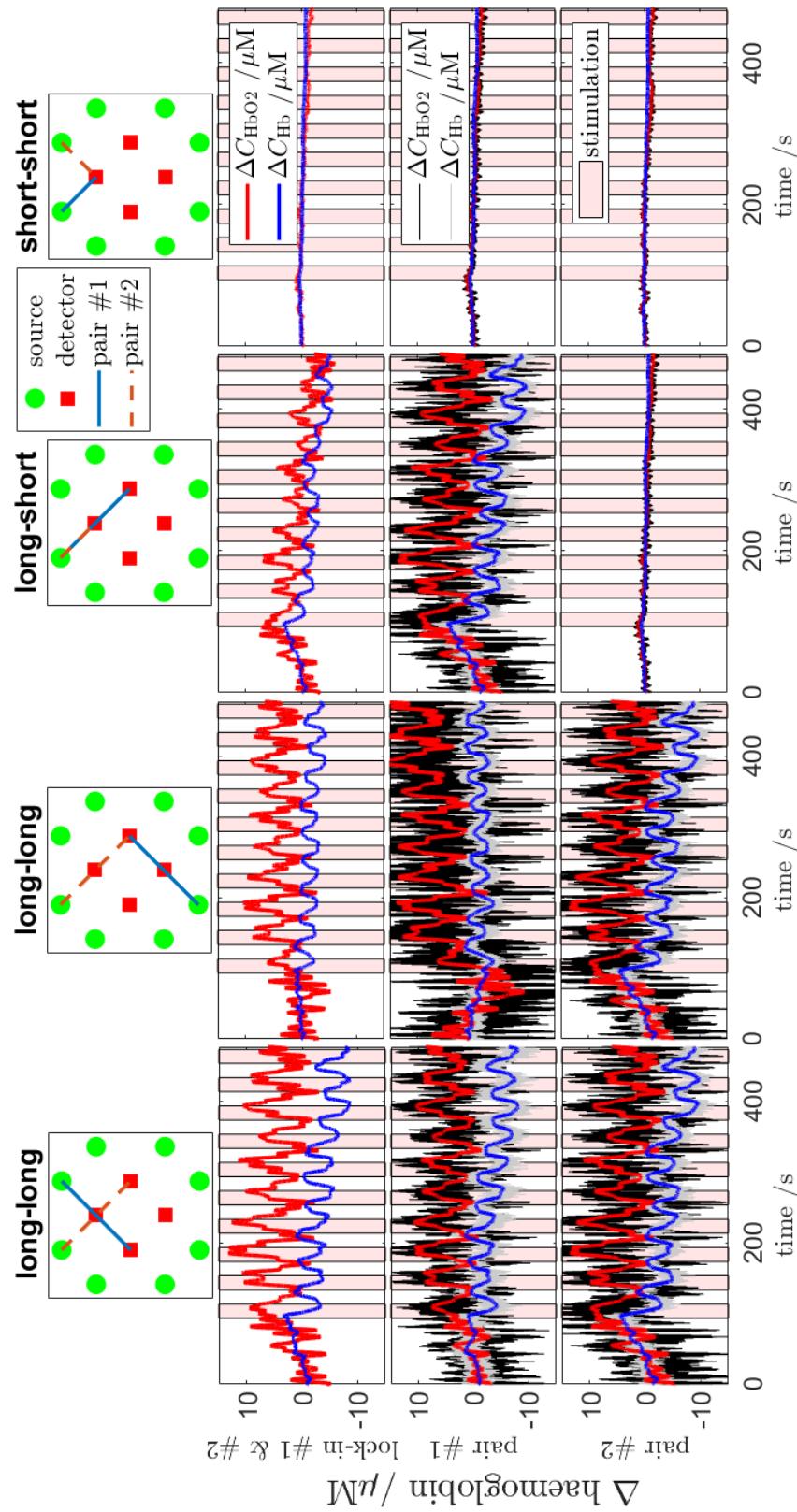


Fig. S1. Good quality data example. Time courses of changes in concentrations of oxy- (red lines) and deoxy-haemoglobin (blue lines) registered in-vivo in a healthy volunteer under visual stimulation for varying lock-in signal strategies (see Fig. 4 and 5). Results for pair #1 and #2 show the average filtering (thick lines) overlaying direct photodetector signals (thin black/grey lines). Fig. 8 of the primary manuscript.

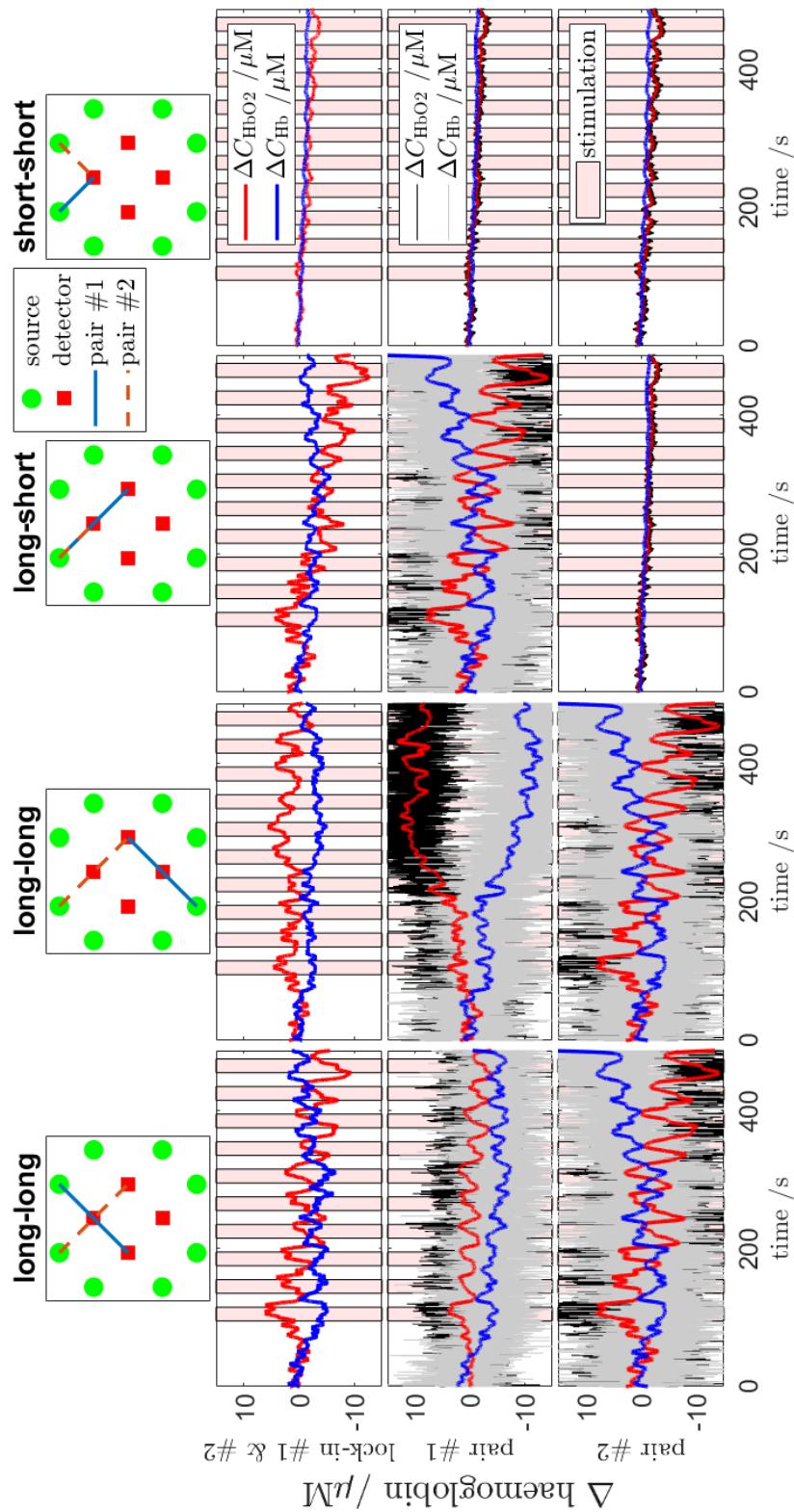


Fig. S2. Example of a less pronounce visual response. Time courses of changes in concentrations of oxy- (red lines) and deoxy-haemoglobin (blue lines) registered *in-vivo* in a healthy volunteer under visual stimulation for varying lock-in signal strategies (see Fig. 4 and 5). Results for pair #1 and #2 show the average filtering (thick lines) overlaying direct photodetector signals (thin black/grey lines). Fig. 9 of the primary manuscript.